

Appl. No. 10/527,737  
Art Unit: 1655  
Response dated May 8, 2007  
Reply to Office Communication dated April 12, 2007

### REMARKS

Applicants responded to the Office Action of December 26, 2006, which Action was a Restriction Requirement and Election of Species, on January 26, 2007. The Response of January 26, 2007 is incorporated herein in its entirety.

According to the Office Communication of April 12, 2007, Applicants' Response of January 26 was *bona fide*, but not fully responsive since no species of the dermal/epidermal junction components for Claims 12, 16, and 25 was elected.

Applicants appreciate that the Office recognizes that the Response of January 26 was indeed *bona fide*.

In Response then to the Office Action and the Office Communication, Applicants provisionally elect plectin/HD1 as the dermal/epidermal component of Claims 12, 16, and 25.

In the Office Action of December 26, 2007, Claims 12, 25, and 29 were identified as generic in the following manner:

Claims 13-24 read on Claim 12;

Claims 26-28 read on Claim 25; and

Claim 30 reads on Claim 29.

Given that Claims 12 and 25 are generic, the provisional election of plectin/HD1 reads on Claims 12-28.

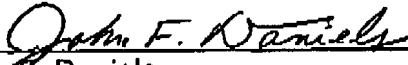
It is respectfully submitted that the present Response, in combination with the Response of January 26, 2007, is fully responsive then to the Office Action of December 26, 2006 and the Office Communication of April 12, 2007.

Accordingly, the Examiner is kindly solicited to reconsider and withdraw the Restriction and Election of Species Requirements, since Applicants have demonstrated support in the Law for unity of invention and the special technical feature encompassed by all of the claims of the present application.

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Favorable reconsideration and an early action on the merits are respectfully solicited.

Respectfully submitted,

  
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